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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,469	03/08/2004	Zhi-Heng Nian	PAT-1551	2324
Raymond Sun Suite 155 20 Corporate Park Irvine, CA 92606			EXAMINER CONTEE, JOY KIMBERLY	
			ART UNIT	PAPER NUMBER
			2617	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		01/17/2007	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

# Office Action Summary

Application No.

10/796,469

Applicant(s)

NIAN, ZHI-HENG

Examiner

Joy K. Contee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 08 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Hart et al. (Hart), US Pub. No. 2005/0071746.

Regarding claim 1, Hart discloses a communicating system for establishing a wireless communication between a computer and a wireless peripheral device, comprising: a wireless peripheral device (see Fig. 3 and page 4 [0037]); a computer (see Fig. 1,3); a wireless network coupling the peripheral device and the computer (see Fig. 3); wherein the computer inherently has a wireless network card within the computer, the wireless network card having a detection module which sends a data packet with identification via the wireless network to search for the wireless peripheral device; wherein the peripheral device sends an acceptable feedback signal based on the identification to the detection module so as to establish a wireless communication; and wherein the wireless communication is based on a standard wireless network communication protocol (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 2, Hart discloses the assembly as claimed in claim 1, wherein the wireless peripheral device is selected from the group consisting of a wireless input device, a wireless output device and a wireless input and output device (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 3, Hart discloses the assembly as claimed in claim 2, wherein the input device is selected from the group consisting of a computer mouse, a keyboard, a trackball, a joystick, and a game controller. (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 4, Hart discloses the assembly as claimed in claim 2, wherein the output device is selected from the group consisting of a computer mouse, a card reader/writer, a digital camera, and a printer(see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 5, Hart discloses the assembly as claimed in claim 2, wherein the input and output device is selected from the group consisting of a mouse, a joystick, and a game controller (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 6, Hart discloses the assembly as claimed in claim 1, wherein the computer is built into a house appliance, and the peripheral device is a remote controlled device. (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 7, Hart discloses the assembly as claimed in claim 1, wherein the standard wireless network communication protocol is enacted by the IEEE (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 8, Hart discloses the assembly as claimed in claim 1, wherein the wireless communication is based on an ad-hoc mode (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 9, Hart discloses the assembly as claimed in claim 1, wherein the wireless communication is based on an infrastructure mode (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 10, Hart discloses the assembly as claimed in claim 1, wherein the wireless peripheral device comprises at least two wireless peripheral devices, wherein only the desired peripheral device sends an acceptable feedback signal based on the identification to the detection module so as to establish a wireless communication, with the other peripheral devices sending an unacceptable feedback signal (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 11, Hart discloses a method for establishing a wireless communication between a computer and a wireless peripheral device, the computer having a wireless network card which has a detection module therein, the method comprising: sending from the detection module a data packet with identification via a wireless network to the peripheral device, with the identification used to search for the peripheral device; receiving an acceptable feedback signal from the peripheral device

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based on the identification so as to establish the wireless communication; and wherein the wireless communication is based on a standard wireless network communication protocol(see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

Regarding claim 12, Hart discloses a method for establishing a wireless communication between a computer and a plurality of wireless peripheral devices, comprising the steps: sending a data packet with identification from the computer to one of the peripheral devices; receiving at the computer an acceptable feedback signal from a desired peripheral device that is used to establish the wireless communication, while receiving at the computer an unacceptable feedback signal from the other peripheral devices; and wherein the wireless communication is based on a standard wireless network communication protocol. (see Fig. 3, page 4 [0037] and page5 [0058-0059] and page 7 [0075]).

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kumar discloses a handheld computer with detachable communication device.


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joy Contee whose telephone number is 571.272.7906. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC

  
**JOY K. CONTEE**  
**PATENT EXAMINER**